

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-277218

(43)Date of publication of application : 22.10.1996

(51)Int.Cl.

A61K 9/44

A61J 3/10

(21)Application number : 07-102952

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(22)Date of filing : 04.04.1995

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(54) TABLET HAVING SPLIT GROOVE AND PUNCH HAVING PROTRUDING PART FOR FORMING SPLIT GROOVE

(57)Abstract:

PURPOSE: To obtain a tablet having a split groove, readily and accurately splittable and capable of improving the impact resistance and a punch for a powder compression molding apparatus provided with a protruding part for forming the split groove capable of making the tablet hardly split.

CONSTITUTION: This tablet 1 is provided with a tablet body 3 and a raised part 4 raising from the outer peripheral edge in the end face of tablet body 3 toward the inside in the radial direction and further a split groove 2 for slitting the tablet, passed through and formed relatively to the center line of the tablet on the surface of the raised part 4. The split groove 2 is formed by increasing an angle from 90° and a depth D from the height (d) of the raised part 4, locating both ends of the split groove in the radial direction at boundary positions between the tablet body 3 and the raised part 4 and forming a chamfer from the resultant boundaries A and A1 toward the inside in the radial direction on both sides of the split groove 2 facing thereto.

Furthermore, the punch for forming the tablet having the split groove is equipped with a protruding part for forming the split groove corresponding to the formation of the split groove.

